MADE IN USA 🇺🇸

SPYWOLF

Security Audit Report

Completed on
July 20, 2022

OVERVIEW

This audit has been prepared for **HAYYASPORT** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

> *The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*
>
> – SPYWOLF Team –

TABLE OF CONTENTS

HAYYYASPORT

PROJECT DESCRIPTION

According to their whitepaper:

HAYYA is Web 3.0 platform for worldwide football fans, with a combination of Football - Gamefi - Defi that allows players to join their ecosystem and stake sports matches like NBA, Soccer, Esports with the S2E gaming platform.

Release Date: Presale starts on July, 2022
Category: NFT/Stake to earn (S2E)

01

CONTRACT INFO

Token Name
Hayya Sports

Symbol
HYA

Contract Address
0x80B4191f445c836C0614Fd6116a5CC02db723ad1

Network
Binance Smart Chain

Language
Solidity

Deployment Date
July 20, 2022

Verified?
Yes

Total Supply
500,000,000

Status
Not launched

TAXES

Buy Tax
5%

Sell Tax
5%

*Taxes cannot be changed

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

02

CURRENT STATS

(As of July 20, 2022)

Status:
Not Launched!

Liquidity

Not added yet

Burn

No burnt tokens

MaxTxAmount
No Limit

DEX:
PancakeSwap

LP Address(es)

ⓘ **Liquidity not added yet**

03

TOKEN TRANSFERS STATS

|	
Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	500000000 HYA
Median Transfer Amount	500000000 HYA
Average Transfer Amount	500000000 HYA
First transfer date	2022-07-20
Last transfer date	2022-07-20
Days token transferred	1

SMART CONTRACT STATS

Calls Count	2
External calls	2
Internal calls	0
Transactions count	2
Uniq Callers	1
Days contract called	1
Last transaction time	2022-07-20 16:07:30 UTC
Created	2022-07-20 13:25:55 UTC
Create TX	0x9965e5a31ee576b15598ee555f8b015cc3421faa4fd43eeb4d0c860e0037cbe8
Creator	0x5dc369e7a20d8b7db6544e58842aac3f3f9bbdcf

FEATURED WALLETS

Owner address	0x6f32b09c3b1815948661dc4589472861847d6917
Treasury	Same as owner
LP address	**Liquidity not added yet**

TOP 3 UNLOCKED WALLETS

1

100%   Same as owner
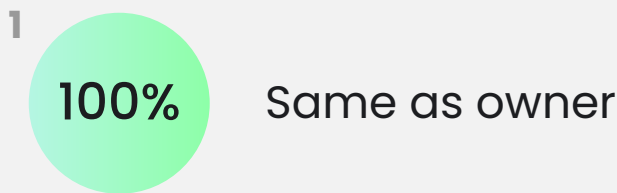
*Tokens are not distributed yet

VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed

06

THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

FOUND THREATS

⚠️ High Risk

Initial liquidity add deduct 5% fees from the amount added. Once liquidity is added, buying don't work.

Swapping accumulated fee fails with revert "Pancake K", because 'swapExactTokensForTokens ' function does not support swaps for tokens with fees.

```solidity
function swapTokensForUSDT(uint256 tokenAmount) private {
    address[] memory path = new address[](2);
    path[0] = address(this);
    path[1] = address(usdt);

    _approve(address(this), address(uniswapV2Router), tokenAmount);

    uniswapV2Router.swapExactTokensForTokens(tokenAmount, 0, path, treasury, block.timestamp);
}
```

The assigned address for usdt is token without liquidity (0x5885629c32ba29a29f0c6feaf2717363473916ed).

```solidity
address public usdt;

constructor(
..........

    address _usdt,
) ERC20(name, symbol) {
...........
usdt = _usdt;
...........
}
```

FOUND THREATS

⚠️ Medium Risk

Owner can change HayyaRouter to any contract address, which is involved in _transfer() function.
HayyaRouter contract address is out of scope of the current audit.

```solidity
function setHayyaRouter(address _address) public onlyOwner {
    hayyaRouter = IHayyaRouter(_address);
}


interface IHayyaRouter {
    function sendRewards(address hayyaer, uint256 _amount) external;
}


function _transfer(
    address sender,
    address recipient,
    uint256 amount
) internal virtual override {
....................
if (sender == uniswapV2Pair) {
    super._transfer(sender, address(hayyaRouter), _fee);
    hayyaRouter.sendRewards(recipient, _fee);
}
....................
}
```

RECOMMENDATIONS FOR
GOOD
PRACTICES

1 Consider fundamental tradeoffs

2 Be attentive to blockchain properties

3 Ensure careful rollouts

4 Keep contracts simple

5 Stay up to date and track development
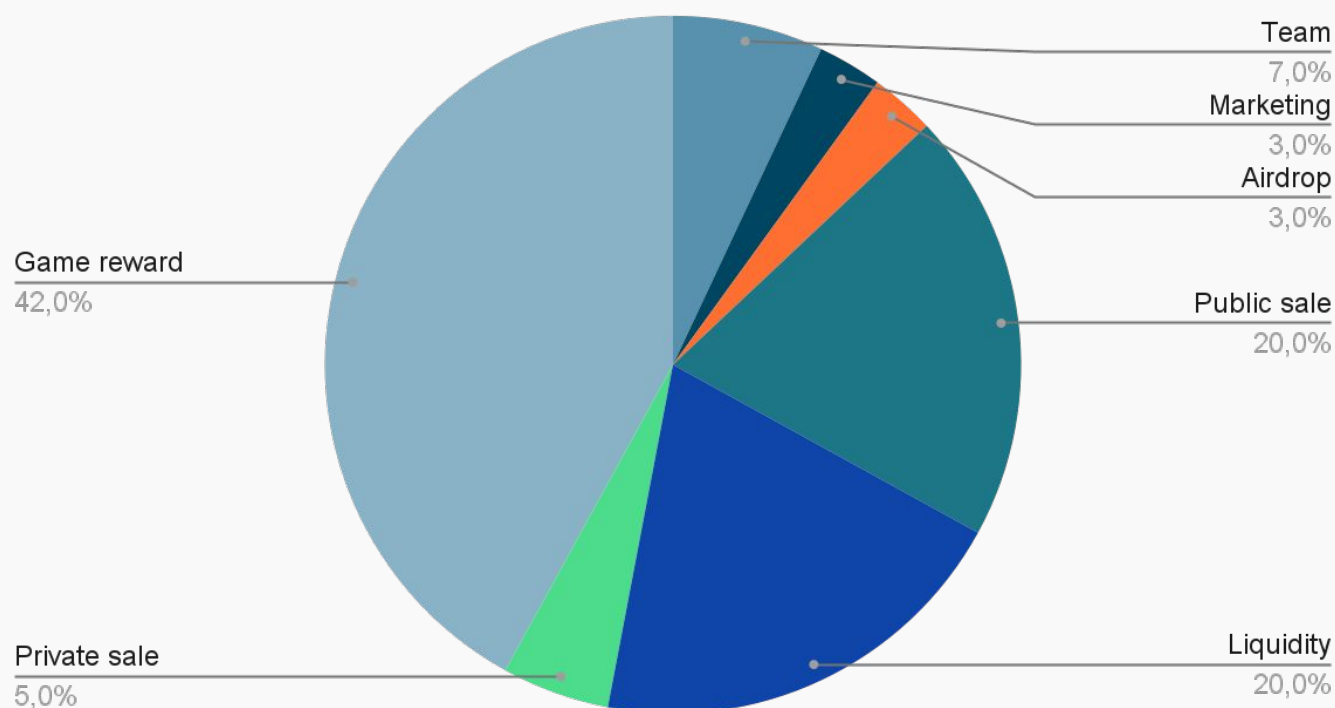
HAYYA SPORTS
GOOD PRACTICES FOUND

✓ The owner cannot mint new tokens after deployment

✓ The owner cannot stop or pause the contract

✓ The owner cannot set a transaction limit

✓ The smart contract utilizes "SafeMath" to prevent overflows

09

*The following tokenomics are based on the project's whitepaper and/or website:

- 20% - Public sale
- 5% - Private sale
- 20% - Liquidity
- 42% - Game reward
- 7% - Team
- 3% - Marketing
- 3% - Airdrop

Tokens distribution

Team
7,0%

Marketing
3,0%

Airdrop
3,0%

Public sale
20,0%

Game reward
42,0%

Liquidity
20,0%

Private sale
5,0%

SPYWOLF.CO

THE TEAM

⚠️ The team is annonymous

KYC INFORMATION

⚠️ No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.

KYC
ERTIFICAT

ISSUED ON
MAY 31, 2022

11

Website URL
https://hayyasport.com/

Domain Registry
http://www.iNET.vn

Domain Expiration
Expires on 2023-07-18

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Very nice color scheme and overall layout.

Content
The information helps new investors understand what the product does right away. No grammar mistakes found.
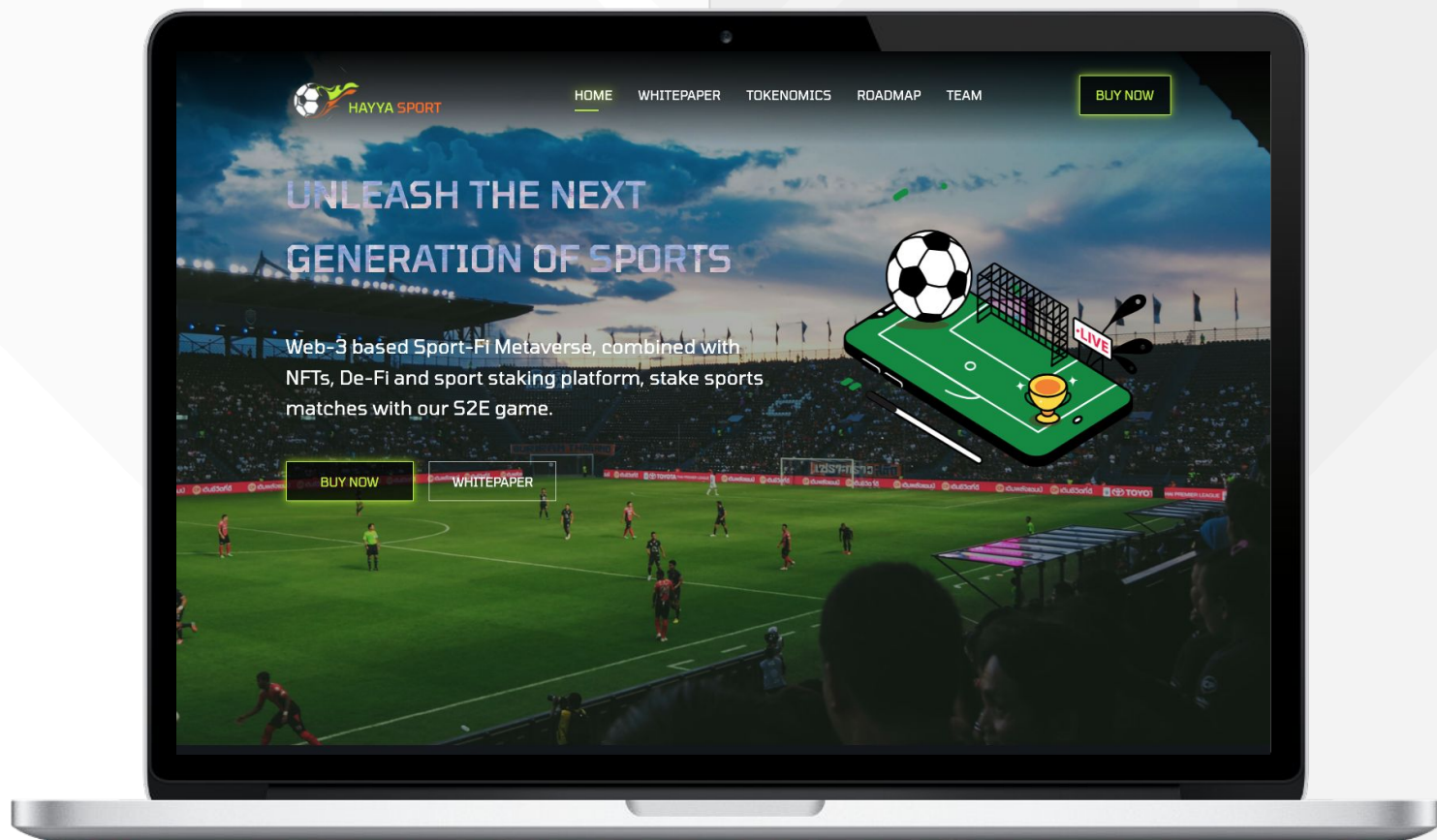
Whitepaper
Well written, explanatory.

Roadmap
Yes, goals set for year ahead with time frames.
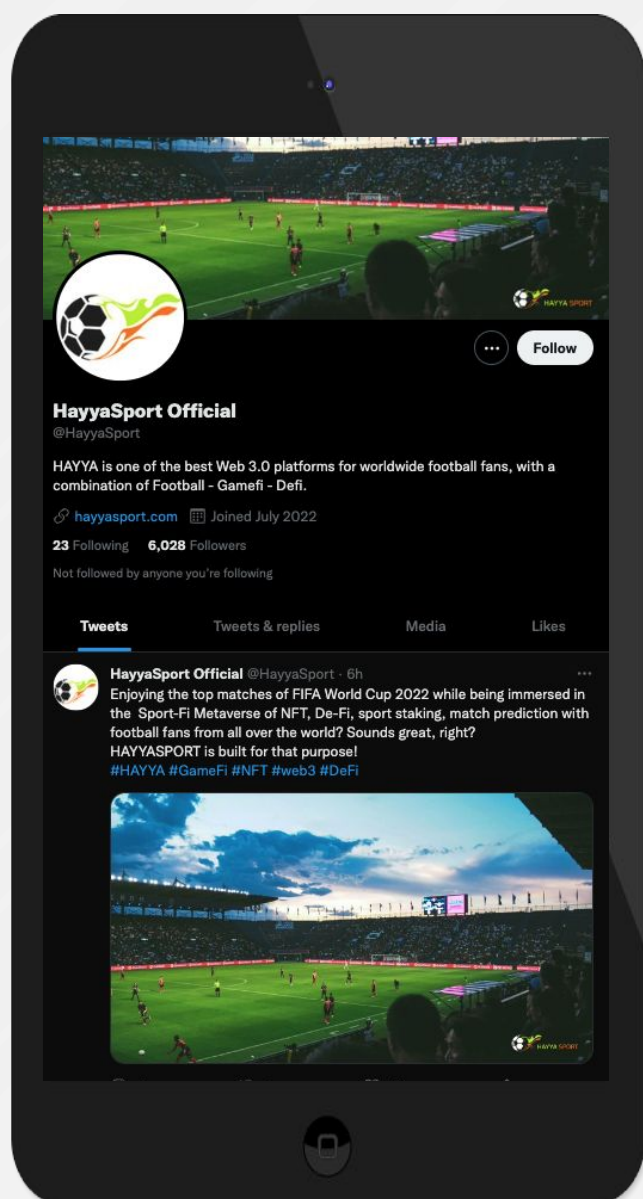
Mobile-friendly?
Yes
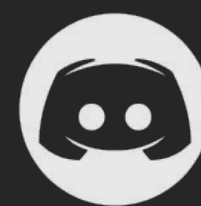
hayyasport.com

SOCIAL MEDIA
& ONLINE PRESENCE

Twitter

@HayyaSport

- 6 028 followers
- 2 posts in total ⚠️

Discord

https://discord.com/invite/GUtqRHPEZ6

- 88 members
- No active members ⚠️

Telegram

@Hayyagroup

- 1 408 members, botted ⚠️
- No active members ⚠️
- No active mods ⚠️

Medium

@hayyasportofficialtofficial

- 1 short article

13

SPYWOLF
CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✔ **OVER 150 SUCCESSFUL CLIENTS**
- ✔ **MORE THAN 500 SCAMS EXPOSED**
- ✔ **MILLIONS SAVED IN POTENTIAL FRAUD**
- ✔ **PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS**
- ✔ **CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH**

To hire us, reach out to contact@spywolf.co or t.me/joe_SpyWolf

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14

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.